

Converting Colors

$Y_{xy}(14.4638, 0.3245, 0.3919)$

Have a look what the booklet for
Yxy(14.4638, 0.3245, 0.3919)
contains.

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Color

Yxy(14.4419, 0.3245, 0.3904)

Conversions

Conversions Part 1

Format	Color
Hex	5F6F54
RGB	95, 111, 84
RGB Percent	37%, 44%, 33%
CMY	0.6275, 0.5647, 0.6705
CMYK	0.14, 0.00, 0.24, 0.56
HSL	96°, 14%, 38%
HSV	96°, 24%, 44%
XYZ	12.0041, 14.4419, 10.5466
YIQ	103.1380, -0.8690, -11.7890

Conversions

Conversions Part 2

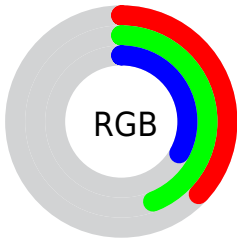
Format	Color
R_{YB}	84, 111, 100
Decimal	6254420
CIE _{Lab}	44.86, -11.47, 13.08
CIE _{LCh}	45, 17.395, 131.238
Yxy	14.4419, 0.3245, 0.3904
Android (android.graphics.Color)	4284444500 (0xFF5F6F54)
YUV	103.1380, -9.4350, -7.1370
Hunter-Lab	38.0025, -10.1205, 10.1474

Details

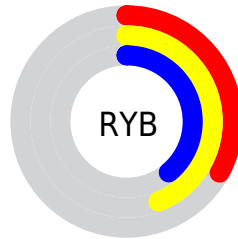
The Yxy color **14.4419, 0.3245, 0.3904** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.2029, 0.2980, 0.2691**, and the grayscale version is **13.6280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0266, 0.3220, 0.3745**, and **4.3299, 0.3274, 0.4216** is the 20% darker color. If you saturate the color by 10%, you get **13.9442, 0.3288, 0.4188**, and if you desaturate by 10%, it is **14.9983, 0.3198, 0.3637**.

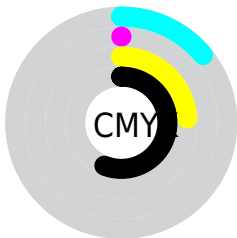
Distribution



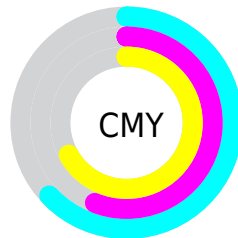
- Red (37%)
- Green (44%)
- Blue (33%)



- Red (33%)
- Yellow (44%)
- Blue (39%)



- Cyan (14%)
- Magenta (0%)
- Yellow (24%)
- Black (56%)




- Cyan (63%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4419, 0.3245, 0.3904 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 14.4419, 0.3245, 0.3904 by changing the saturation by 10% instead.


 14.4419, 0.3245,
0.3904


 14.4419, 0.3245,
0.3904


219.9628, 0.3180,
0.3529


 8.4287, 0.3263,
0.4033


 33.8711, 0.3220,
0.3745


 4.3704, 0.3284,
0.4229

 48.0558, 0.3211,
0.3693


 1.8829, 0.3310,
0.4564

 65.7331, 0.3203,
0.3652

 0.5380, 0.3008,
0.6992

 87.2875, 0.3197,
0.3618

 0.0000, 0.0000,
0.0000

 113.1032, 0.3192,
0.3590

143.5648, 0.3187,

0.3566

179.0565, 0.3183,
0.3546

■ 14.4419, 0.3245,
0.3904

■ 14.4419, 0.3245,
0.3904

■ 13.9442, 0.3288,
0.4188

■ 14.9983, 0.3198,
0.3637

■ 13.5012, 0.3324,
0.4482

■ 15.6134, 0.3149,
0.3390

■ 13.1114, 0.3350,
0.4776

■ 16.2896, 0.3099,
0.3165

■ 12.7725, 0.3362,
0.5057

■ 17.0287, 0.3051,
0.2961

■ 12.4820, 0.3358,
0.5312

■ 17.8324, 0.3004,
0.2779

■ 12.2370, 0.3337,
0.5525

■ 18.7022, 0.2960,
0.2617

■ 12.0336, 0.3300,
0.5690

■ 19.6398, 0.2918,
0.2472

■ 11.9306, 0.3280,
0.5778

■ 20.6465, 0.2879,
0.2343

■ 21.7238, 0.2843,
0.2229

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.4419, 0.3580, 0.3916



14.4419, 0.3245, 0.3904



14.4419, 0.2891, 0.3695

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.4419, 0.3245, 0.3904



14.4419, 0.2491, 0.2795



14.4419, 0.3663, 0.3190

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.4419, 0.3245, 0.3904



10.2029, 0.2980, 0.2691

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.4419, 0.3343, 0.2930



14.4419, 0.3245, 0.3904



14.4419, 0.2671, 0.2704

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.4419, 0.3245, 0.3904



14.4419, 0.2469, 0.3029



14.4419, 0.2977, 0.2755



14.4419, 0.3833, 0.3485

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.4419, 0.3245, 0.3904



14.4419, 0.2692, 0.3479



14.4419, 0.2977, 0.2755



14.4419, 0.3568, 0.3096

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.4425, 0.3245, 0.3904



27.6281, 0.3163, 0.3459



13.0887, 0.3522, 0.3633



6.6272, 0.3165, 0.3468



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.4425, 0.3245, 0.3904



25.3585, 0.3269, 0.4058



13.9316, 0.3070, 0.3877



3.8233, 0.3172, 0.3503



14.0433, 0.3274, 0.5782



69.4784, 0.3236, 0.5812

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



10.2029, 0.2980, 0.2691



16.4006, 0.2939, 0.2545



10.8225, 0.3188, 0.2766



3.3891, 0.3079, 0.3079



2.6963, 0.2250, 0.1013



12.9186, 0.2201, 0.0986

Previews

White Background



This preview shows how the Yxy color 14.4419, 0.3245, 0.3904 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 14.4419, 0.3245, 0.3904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

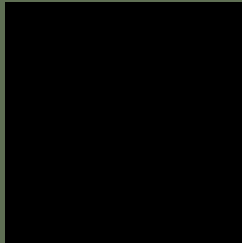
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

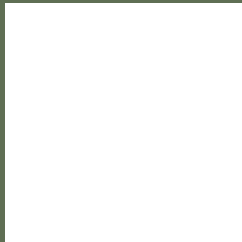
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.4419, 0.3245, 0.3904

Background



This preview shows how black text looks on a background with the Yxy color 14.4419, 0.3245, 0.3904.



This preview shows how white text looks on a background with the Yxy color 14.4419, 0.3245, 0.3904.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.4419, 0.3245, 0.3904

Protanopia

14.4280, 0.3552, 0.3800

Deuteranopia

14.3856, 0.3669, 0.3615



Tritanopia

14.4625, 0.2935, 0.3119

Trichromacy



Original Color

14.4419, 0.3245, 0.3904

Protanomaly

14.4138, 0.3425, 0.3837

Deuteranomaly

14.2697, 0.3515, 0.3715

Tritanomaly

14.3213, 0.3042, 0.3378

Monochromacy



Original Color

14.4419, 0.3245, 0.3904

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.8619, 0.3173, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4419, 0.3245, 0.3904 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(95, 111, 84) looks like.

```
.text, #text, p{  
    color:rgb(95, 111, 84)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(95, 111, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 111, 84) }
```

Border

The CSS property to change the border of an element to Yxy 14.4419, 0.3245, 0.3904 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 111, 84) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(95, 111, 84) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(95, 111, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 111, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 111, 84);  
box-shadow:4px 4px 4px 4px rgb(95, 111,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4419, 0.3245, 0.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 111, 84) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(95, 111,  
84) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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